Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method for utilizing a memory cartridge connected to a Programmable Logic Controller (PLC), the memory cartridge comprising a plurality of memory segments, the method comprising a plurality of activities comprising:

providing a default identifying stamp for records in a data log file, a structure for the data log file stored separately from the data log file in the memory cartridge, a first head marker of the data log file indicative of a location for storage of a next data log record, the location a memory segment of the memory cartridge, the PLC adapted to change the head marker to a record marker responsive to storage of the next data log record; and

obtaining a request to provide the data log file.

2. (Currently Amended) The method of claim 1, further comprising:

providing to the memory cartridge the data log file comprising process data records comprising the identifying stamp, the PLC adapted to change a value of a binary bit and thereby disable an ~~erroneous~~ older, duplicate head marker responsive to a determination that the first head marker and the ~~erroneous~~ older, duplicate head marker are turned on simultaneously due to a power failure.

3. (Previously Presented) The method of claim 1, further comprising:

providing to a storage device, the data log file comprising process data records comprising the identifying stamp, the PLC adapted to create a second head marker responsive to storage of the next data record.

4. (Previously Presented) The method of claim 1, further comprising:

providing to an output device, the data log file comprising process data records further comprising the identifying stamp.

5. (Previously Presented) The method of claim 1, further comprising:

providing to a user interface device the data log file comprising process data records further comprising the identifying stamp.

6. (Previously Presented) A method for utilizing a memory cartridge connected to a Programmable Logic Controller (PLC), the memory cartridge comprising a plurality of memory segments, the method comprising a plurality of activities comprising:

prompting a user to select an identifying stamp for records in a data log file, the data log file having a structure stored separately from the data log file in the memory cartridge, a first head marker of the data log file indicative of a location for storage of a next data log record, the location a memory segment of the memory cartridge, the PLC adapted to change the head marker to a record marker responsive to storage of the next data log record; and

receiving a user input corresponding to a selected identifying stamp for records in the data log file.

7. (Original) The method of claim 6, wherein the identifying stamp relates to a date.

8. (Original) The method of claim 6, wherein the identifying stamp relates to a time.

9. (Original) The method of claim 6, wherein the identifying stamp relates to a device identifier.

10. (Original) The method of claim 6, further comprising:

obtaining a request to provide the data log file.

11. (Original) The method of claim 6, further comprising:

responsive to the user input, providing the identifying stamp to records in the data log file.

12. (Original) The method of claim 6, further comprising:

providing the data log file to the memory cartridge, the data log file comprising a process data record further comprising the identifying stamp.

13. (Original) The method of claim 6, further comprising:

providing the data log file to a storage device, the data log file comprising a process data record further comprising the identifying stamp.

14. (Original) The method of claim 6, further comprising:

providing the data log file to an output device, the data log file comprising process data record further comprising the identifying stamp.

15. (Original) The method of claim 6, further comprising:

providing the data log file to a user interface device, the data log file comprising a process data record further comprising the identifying stamp.

16. (Withdrawn) A method for utilizing a memory cartridge connected to a PLC, the memory cartridge comprising a plurality of memory segments, the method comprising a plurality of activities comprising:

prompting a user with an option to erase a data log file from a memory cartridge attached to a PLC, after reading the data log file;

receiving a user input corresponding to a selection related to erasure of the data log file from the memory cartridge after reading the data log file; and

reading the data log file.

17. (Withdrawn) The method of claim 16, further comprising:

responsive to an affirmative user input corresponding to a selection to erase the data log file, erasing the data log file from the memory cartridge.

18. (Withdrawn) The method of claim 16, further comprising:

responsive to a negative user input corresponding to a selection to erase the data log file, not erasing the data log file from the memory cartridge.

19. (Withdrawn) The method of claim 16, further comprising providing a default selection corresponding to not erasing the data log file after reading the data log file from the memory cartridge.

20. (Withdrawn) The method of claim 16, further comprising providing a default selection corresponding to erasing the data log file after reading the data log file from the memory cartridge.

21. (Withdrawn) A method for utilizing a memory cartridge connected to a PLC, the memory cartridge comprising a plurality of memory segments, the method comprising a plurality of activities comprising:

locating, on the memory cartridge, a first head marker relatable to a first data log record, the first head marker indicative of a beginning memory segment for a second data log record to be written; and writing the second data log record to at least the beginning memory segment, the second data log record corresponding to a data log file structure stored separately from on the memory cartridge, and structurally defining, a file comprising the first data log record and the second data log record, the data log file structure comprised by a project file, the project file further comprising a PLC program and a recipe structure.

22. (Withdrawn) The method of claim 21, wherein the second data log record comprises a second head marker.

23. (Withdrawn) The method of claim 21, wherein said writing activity causes a second head marker to be created relatable to the second data log record.

24. (Withdrawn) The method of claim 21, further comprising:

changing the first head marker to be a non-head marker.

25. (Withdrawn) The method of claim 21, further comprising:

reading the second data log record.

26. (Withdrawn) A method for utilizing a memory cartridge connected to a PLC, the memory cartridge comprising a plurality of memory segments, the method comprising a plurality of activities comprising:

providing a data log file to the memory cartridge; and comparing a first data log record on the memory cartridge to a second data log record on the memory cartridge using an error checking technique.

27. (Withdrawn) The method of claim 26, wherein the error checking technique comprises using a checksum.

28. (Withdrawn) The method of claim 26, wherein the error checking technique comprises using a Fletcher checksum.

29. (Withdrawn) The method of claim 26, wherein said activity of comparing a first data log record to a second data log record takes place responsive to a loss of power to the memory cartridge.

30. (Withdrawn) The method of claim 26, wherein a first head marker relates to the first data log record.

31. (Withdrawn) The method of claim 26, further comprising:

determining that a first head marker relating to the first data log record was written subsequently to a second head marker relating to the second data log record; and

changing the second head marker to a non-head marker.

32. (Withdrawn) The method of claim 26, further comprising:

determining that a first head marker relating to the first data log record was written subsequently to a second head marker relating to the second data log record; and

disabling the second head marker.

33. (Withdrawn) The method of claim 26, further comprising:

comparing a position associated with the first data log record to a position associated with the second data log record with respect to a direction of writing by a circular buffer to which the first data log record and the second data log record are written;

determining that a first head marker relating to the first data log record was written subsequently to a second head marker relating to the second data log record; and

changing the second head marker to a non-head marker.

34. (Withdrawn) The method of claim 26, further comprising:

comparing a time stamp associated with the first data log record to a time stamp associated with the second data log record; determining that a first head marker relating to the first data log record was written subsequently to a second head marker relating to the second data log record; and

changing the second head marker to a non-head marker.

35. (Previously Presented) A System for utilizing a memory cartridge connected to a Programmable Logic Controller (PLC), the memory comprising a plurality of memory segments, the system comprising:

means for providing a default identifying stamp for records in a data log file, a structure for the data log file stored separately from the date log file in the memory cartridge, a first head marker of the data log file indicative of a location for storage of a next data log record, the location a memory segment of the memory cartridge, the PLC adapted to change the head marker to a record marker responsive to storage of the next data log record, the PLC adapted to receive an input value corresponding to a process variable from a recipe stored on the memory cartridge, a structure of the recipe stored separately from the recipe, the input value usable by a program of the PLC to render a product associated with the PLC makeable; and

means from obtaining a request to provide the data log file.

36. (Previously Presented) A computer readable medium containing instructions for activities for utilizing a memory cartridge connected to a Programmable Logic Controller (PLC) the memory cartridge comprising a plurality of memory segments, the computer-readable medium comprising a plurality of activities comprising:

providing a default identifying stamp for records in a data log file, a structure for the data log file stored separately from the data log file in the memory cartridge, a first head marker of the data log file indicative of a location for storage of a next data log record, the location a memory segment of the memory cartridge, the PLC adapted to change the head marker to a record marker responsive to storage of the next data log record; and

obtaining a request to provide the data log file.